Nokia Customer Care

1 - General Information

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RM-94 Product Selection

The **RM-94** is a triple band monoblock transceiver unit, designed for EGSM900, GSM1800 and GSM1900 EDGE networks. It is a GSM900 phase 2, power class 4 (2W) transceiver and a GSM1800/1900 power class 1 (1W) transceiver. It is also an EDGE900 power class E2 (0.5W/ 27dBm) and an EDGE1800/1900 power class E2 (0.4W/26dBm) transceiver.

RM-94 product and modules

Name	Type Code
Basic TRX	RM-94
Printed Wiring Board (PWB) module	1GQ
Mechanics module	
Software module	

Figure 1:RM-94 transceiver

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Supported accessories

Product Type	Description
AC-1	Retractable Charger
ACP-12	Travel Charger
ACP-7	E&A, APAC Standard Charger, Americas = Starndard Travel Charger
BHF-3	Headset Handsfree
BL-5B	Battery
CA-42	Data Cable, USB <-> FBUS
CK-10	Basic Car Kit
CK-7W	Basic Universal Car Kit
CR-23	Car Cradle
DT-6	Call forwarding deskstand
HDA-10	Pop-port™ to TTY/TDD adapter
HDB-4	Boom Headset
HDW-3	Wireless Headset
HF-3	Plug-in Handsfree
HF-6W	Bluetooth Handsfree (with AD-5B)
HS-11W	Wireless Headset
HS-13W	Wireless Image Headset
HS-2R	Radio Headset
HS-21W	Wireless Clip on Headset
HS-3W	Wireless Clip-on Headset
HS-4W	Wireless Boom Headset (with AD-5B)
HS-5	Headset
LCH-12	E&A, APAC = Mobil Charger
LPS-4	Inductive Loopset
RX-11	Kaleidoscope I; Spy Hole (IrDA)
RX-15	Image Album (IrDA)
RX-3	Medallion (IrDA)
RX-4	Medallion II (IrDA)
	Nokia 610 Car Kit phone

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Environmental conditions

Table 1: Absolute maximum ratings

Signal	Note
Battery voltage (Idle)	-0.3…5.5V
Battery voltage (Call)	Max 4.8V
Charger input Voltage	-0.3V …16V

Table 2: Temperature conditions

Environmental Condition	Ambient Temperature	Notes
Normal operation	-10°C…+55°C	Specifications fulfilled
Reduced performance	+55°C…+70°C	Operational only for short periods
No operation or storage	<-30°C…>+80°C	No storage outside these temperatures. An operation attempt may cause permanent damage
Charging allowed	-5°C…+55°C	

Table 3: Humidity and water resistance

Condition	Min	Max
Relative humidity	5%	95%

The module is not protected against water.

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Transceiver features

Transceiver main HW parts/features include:

- GPRS (Class 10) 3+2, 4+1
- EGPRS (Class 6) 3+1, 2+2
- HSCSD/CSD
- Colour display (size: 27.5mmx27.5mm. 64K colours, high resolution (128x128) active matrix.
- Internal Triple band antenna (no connection for external antenna)
- User changeable front and back covers
- 5-way joystick
- Integrated Hands Free (IHF) speaker
- DCT charger plug
- Pop-port™ connector
- Infrared module
- Volume keys
- PoC key (Push to talk over Cellular)
- RTC battery (Real Time Clock)
- Bluetooth - incl. SIM Access Profil (SAP)
- SyncML
- File transfer profiles

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